

Case No. GCSD-1469 (51335)

MS PATENT APPLICATION  
COMMISSIONER OF PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Transmitted herewith for filing is the patent application of:

I HEREBY CERTIFY THIS PAPER OR FEE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED BELOW AND IS ADDRESSED TO: MS PATENT APPLICATION, COMMISSIONER OF PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

EXPRESS MAIL NO: EV 322684702 US

DATE OF DEPOSIT: September 9, 2003

NAME: Justin Goree

SIGNATURE: Justin Goree

Inventors: **Joseph Bibb CAIN**  
**Richard Charles BERNHARDT**  
**William Anthony WINDHAM**

F r: **MOBILE AD HOC NETWORK (MANET) PROVIDING QUALITY-OF-SERVICE (QOS) BASED UNICAST AND MULTICAST FEATURES**

Enclosed are:

- ☒ Patent Application: 36 pages, 32 claims.  
☒ 6 sheets of drawings.  
☒ The suggested drawing figure to be published is FIG. 1.  
☒ A declaration and power of attorney.  
☒ An assignment of the invention to *Harris Corporation*.  
☒ Assignee info:  
Name: Harris Corporation  
Address: 1025 West NASA Blvd.  
Melbourne, Florida 32919  
Corporation of the State of Delaware

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA		RATE	FEE		RATE	FEE
BASIC FEE						\$ 370	<u>OR</u>		\$ 750
TOTAL CLAIMS	32	-20	12		X 9	\$	<u>OR</u>	X 18	\$ 216
INDEP CLAIMS	3	- 3	0		X 42	\$	<u>OR</u>	X 84	\$ 0
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.					TOTAL	\$ ***		TOTAL	\$ 966

- ☒ The Commissioner is authorized to charge the filing fee of \$966.00 and the assignment recordal fee of \$40.00 to Harris Corporation Deposit Account No. 08-0870.
- ☒ The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Harris Corporation Deposit Account No. 08-0870.
- ☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. REGAN**
- ☒ Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

John F. Woodson II  
JOHN F. WOODSON, II  
Reg. No. 45,236

September 9, 2003  
Date

16235 U.S. PTO  
10/658021

